

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 64-063865

(43)Date of publication of application : 09.03.1989

(51)Int.Cl.

G01N 33/543
// A61K 39/00

(21)Application number : 63-068000

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(22)Date of filing : 22.03.1988

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(30)Priority

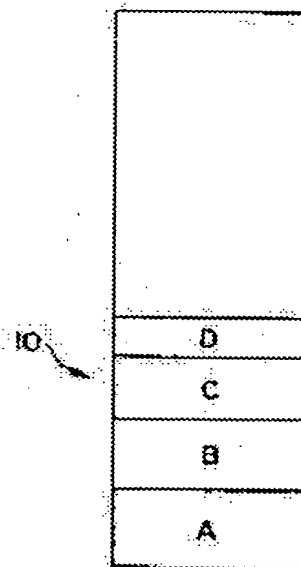
Priority number : 87 31023 Priority date : 27.03.1987 Priority country : US

(54) SOLID-STATE IMMUNOASSAY METHOD

(57)Abstract:

PURPOSE: To easily conduct analysis by connecting a part containing a tracer and another part containing a binding agent to an object to be analyzed through a capillary flow.

CONSTITUTION: A porous nitrocellulose piece B spotted with a rabbit anti-A group streptococcus antigen is stuck to a polystyrene strip and zones C and D of filter paper strips are provided immediately above the zone of the piece B. A zone A spotted with a tracer which covalently binds a liposome for detection filled with a coloring matter with the streptococcus antigen is provided below the zone B. When the zone A of the stick 10 thus prepared is brought into contact with a sample containing an antigen, the antigen and tracer move to the zone B and competitively bound to an acquired antibody spot. When the spot of the coloring matter generated in the zone B is observed, the antigen contained in the sample can be detected.



LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]

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